

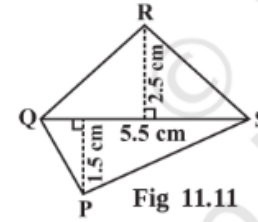
ATOMIC ENERGY EDUCATION SOCIETY

CLASS:VIII

MATHEMATICS

11.Mensuration(Worksheet 1/3)

1. Find the area of quadrilateral PQRS shown in Fig 11.11.



2. Find the area of a rhombus whose diagonals are of lengths 10 cm and 8.2 cm.

3. The area of a trapezium shaped field is  $480 \text{ m}^2$ , the distance between two parallel sides is 15 m and one of the parallel side is 20 m. Find the other parallel side.

4. The area of a rhombus is  $240 \text{ cm}^2$  and one of the diagonals is 16 cm. Find the other diagonal.

5. Find the area of a rhombus whose side is 5 cm and whose altitude is 4.8 cm. If one of its diagonals is 8 cm long, find the length of the other diagonal.